

RAW SEQUENCE LISTING

DATE: 05/30/2001

PATENT APPLICATION: US/09/514,513

TIME: 16:53:35

Input Set : C:\PAOLA\09514513.txt

Output Set: C:\CRF3\05302001\I514513.raw

SEQUENCE LISTING

C--> 3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Chappell, Joseph
6 Back, Kyoungwhan

C--> 8 (ii) TITLE OF INVENTION: CHIMERIC ISOPRENOID SYNTHASES
9 AND USES THEREOF

11 (iii) NUMBER OF SEQUENCES: 6

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Clark & Elbing LLP

15 (B) STREET: 176 Federal Street

16 (C) CITY: Boston

17 (D) STATE: MA

18 (E) COUNTRY: US

19 (F) ZIP: 02110

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Diskette

23 (B) COMPUTER: IBM Compatible

24 (C) OPERATING SYSTEM: MS-DOS

25 (D) SOFTWARE: FastSEQ for Windows Version 2.0

27 (vi) CURRENT APPLICATION DATA:

C--> 28 (A) APPLICATION NUMBER: US/09/514,513

C--> 29 (B) FILING DATE: 28-Feb-2000

30 (C) CLASSIFICATION:

32 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: 08/631,341

34 (B) FILING DATE:

36 (viii) ATTORNEY/AGENT INFORMATION:

37 (A) NAME: Clark, Paul T

38 (B) REGISTRATION NUMBER: 30,162

39 (C) REFERENCE/DOCKET NUMBER: 07678/011001

41 (ix) TELECOMMUNICATION INFORMATION:

42 (A) TELEPHONE: 617-428-0200

43 (B) TELEFAX: 617-428-7045

44 (C) TELEX:

47 (2) INFORMATION FOR SEQ ID NO: 1:

49 (i) SEQUENCE CHARACTERISTICS:

50 (A) LENGTH: 30 base pairs

51 (B) TYPE: nucleic acid

52 (C) STRANDEDNESS: single

53 (D) TOPOLOGY: linear

W--> 55 (ii) MOLECULE TYPE: DNA (oligonucleotide)

57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

59 GGGATCGATG ACATAGCCAC GTATGAGGTT

30

61 (2) INFORMATION FOR SEQ ID NO: 2:

63 (i) SEQUENCE CHARACTERISTICS:

64 (A) LENGTH: 17 base pairs

65 (B) TYPE: nucleic acid

ENTERED

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66          (C) STRANDEDNESS: single
67          (D) TOPOLOGY: linear
W--> 69      (ii) MOLECULE TYPE: DNA (oligonucleotide)
71          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
73      AATACGACTC ACTATAG                                     17
75      (2) INFORMATION FOR SEQ ID NO: 3:
77          (i) SEQUENCE CHARACTERISTICS:
78              (A) LENGTH: 27 base pairs
79              (B) TYPE: nucleic acid
80              (C) STRANDEDNESS: single
81              (D) TOPOLOGY: linear
W--> 83      (ii) MOLECULE TYPE: DNA (oligonucleotide)
85          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
87      CGAGTCAACA TGGTTTATTG AGGGATA                         27
89      (2) INFORMATION FOR SEQ ID NO: 4:
91          (i) SEQUENCE CHARACTERISTICS:
92              (A) LENGTH: 28 base pairs
93              (B) TYPE: nucleic acid
94              (C) STRANDEDNESS: single
95              (D) TOPOLOGY: linear
W--> 97      (ii) MOLECULE TYPE: DNA (oligonucleotide)
99          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
101     TATTCTAGAT CTCTATGACG ATTATGAA                         28
103     (2) INFORMATION FOR SEQ ID NO: 5:
105         (i) SEQUENCE CHARACTERISTICS:
106             (A) LENGTH: 42 base pairs
107             (B) TYPE: nucleic acid
108             (C) STRANDEDNESS: single
109             (D) TOPOLOGY: linear
W--> 111     (ii) MOLECULE TYPE: DNA (oligonucleotide)
113         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
115     GGGAGCTCGA ATTCCATGGC CTCAGCAGCA GTTGCAAAT AT         42
117     (2) INFORMATION FOR SEQ ID NO: 6:
119         (i) SEQUENCE CHARACTERISTICS:
120             (A) LENGTH: 30 base pairs
121             (B) TYPE: nucleic acid
122             (C) STRANDEDNESS: single
123             (D) TOPOLOGY: linear
W--> 125     (ii) MOLECULE TYPE: DNA (oligonucleotide)
127         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
129     GGGATCGATA ACTCTGCATA ATGTAGCATT                       30

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VERIFICATION SUMMARY

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Input Set : C:\PAOLA\09514513.txt

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L:3 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:8 M:220 C: Keyword misspelled or invalid format, [(ii) TITLE OF INVENTION:]
L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:55 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:69 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
L:83 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:97 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4
L:111 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5
L:125 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6